

We are required as a City to review the existing Hazard Mitigation Plan every five (5) years and to consider modifications or additions for the future

Please be advised that the City of Soddy-Daisy has reviewed the existing hazard mitigation plan and submitted our proposed update as follows:

Soddy-Daisy - Previous Report

Objectives

1. Protect stream banks from erosion; minimize future damage to North Chickamauga Creek banks and bridges.

The City received a grant from FEMA in the amount of \$1,300,000 to stabilize the creek banks and re-channel over 2,000 feet of the creek. Gabian baskets were installed on the north west side of the creek (adjacent to the Willow Creek Subdivision) for 700 feet and on the northeast side of Dayton Pike bridge adjacent to the Industrial Park for 325 feet. Total cost of project to include in-kind services is estimated to be \$1,600,000.

The City also was the recipient of a USDA, NFC grant in the amount of \$180,000 that was used to purchase and remove a residence that was in immediate danger of falling into the Creek.

Continuation of bank stabilization is needed and the re-channeling of the creek bed for approximately 2,000 feet on both side of the stream bank using gabian baskets and natural plantings.

Soddy-Daisy

Objectives:

1. **Little Soddy Creek (from Masonic Lodge to Soddy Embayment)**

Restore shoreline to stop erosion, clean out and re-channel to improve capacity due to buildup of silt and debris

Responsible Agency: TDEC, TVA, Army of Corps of Engineers, City of Soddy-Daisy

Priority - High

Cost Estimate - Based on feasibility study

Benefit - To stop erosion of present roadway that is in immediate danger of being washed away, reduce possibility of flooding local residents, and to reduce the possibility of flooding of business district.

Potential Funding Source - FEMA, Federal and State Mitigation funds, and local taxes

2. **Soddy Lake Embayment**

Dredge excessive siltation from storm or heavy rain runoff, remove garbage, trees and brush

Responsible Agency - TVA, TDEC, City of Soddy-Daisy

Priority - High

Cost Estimate - Based on feasibility and engineering studies

Benefit - To eliminate continued flooding of business district due to silting and debris which impedes effluent from Little Soddy Creek

Potential Funding Source - FEMA, Federal and State Mitigation funds, and local taxes

3. **Poe Branch**

Clean out garbage and brush to alleviate flooding of Daisy Dallas Road, distance being from Bean Street to Harrison Lane

Responsibility Agency - TDEC and the City of Soddy-Daisy,

Priority - High

Cost Estimate - Existing Staff

Benefit - To alleviate flooding of Daisy Dallas Road and residential areas around Pottery Lane, Church Street and Kingsboro Street

Potential Funding Source - Existing local budget

4. **Big Soddy Creek**

Re-channel and dredge Creek west of Dayton Pike

Responsible Agency - TDEC, TVA, Army Corps of Engineers, City of Soddy-Daisy

Priority - High

Cost Estimate - Based on engineering design and study

Benefit - To protect two bridges and roadway that are in immediate danger of being washed away and to alleviate flooding upstream.

Potential Funding Source - FEMA, Federal and State Mitigation funds, and local taxes

5. **Big Soddy Creek**

Seek grant to purchase residential structure

Responsible Agency - FEMA, TDEC, Army Corps of Engineers, City of Soddy-Daisy

Priority - Medium

Cost Estimate - \$150,000 to \$200,000

Benefit - Stabilization of the shoreline or embankment would be more costly than the purchase of the residence.

Potential Funding Source - FEMA, Federal and State Mitigation funds, and local taxes

6. **North Chickamauga Creek**

Seek grant to purchase residential structure

Responsible Agency - FEMA, TDEC, Army Corps of Engineers, City of Soddy-Daisy

Priority - High

Cost Estimate - \$150,000 to \$200,000

Benefit - Stabilization of the shoreline or embankment would be more costly than the purchase of the residence.

Potential Funding Source - FEMA, Federal and State Mitigation funds, and local taxes

Should there be any questions or concerns regarding this proposed plan, please contact Steve Grant, Public Works Director at 423 - 332-5323 or:

*City of Soddy-Daisy
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